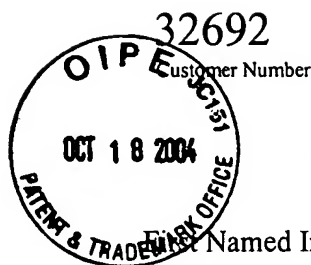


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Patent
Case No.: 53499US056



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Customer Number: 32692
First Named Inventor: GERSTER, JOHN F.
Application No.: 10/824232 Group Art Unit: 1614
Filed: April 14, 2004 Examiner: Unknown
Title: IMIDAZONAPHTHYRIDINES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:	
<u>October 13, 2004</u> Date	<u>Virginia Bergstrom</u> Signed by: Virginia Bergstrom

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449 citing references submitted for consideration by the Examiner. Pursuant to the waiver in the Pre-OG Notice, dated July 11, 2003, copies of US patents and published US patent applications are no longer required and are not enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered. However, for the Examiner's convenience, a copy of each reference categorized as "Foreign Patent Documents" and "Other Prior Art -- Non Patent Literature Documents" is enclosed.

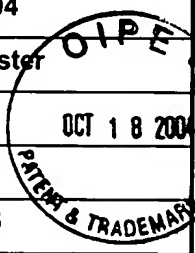
If a first Office Action on the merits has been mailed prior to the mailing date of this document, please charge the fee for consideration of an Information Disclosure Statement set forth in 37 CFR § 1.17(p), and if necessary, please charge any additional fees, or credit any overpayment to Deposit Account No. 13-3723.

Respectfully submitted,

12 OCTOBER 2004
Date

By: Dean A. Ersfeld
Dean A. Ersfeld, Reg. No.: 46,689
Telephone No.: (651) 733-7830

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833

Substitute for form 1449A/PTO (modified)		Application Number 10/824,232	
<h1 style="margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h1> <p style="margin: 5px 0;">(Use as many sheets as necessary)</p> <p style="margin: 0;">Page 1 of 4</p>		Filing Date April 14, 2004	
		First Named Inventor John F. Gerster	
		Art Unit 1614	
		Examiner Name Unknown	
		Attorney Case Number 53499US056	

U.S. Patent Documents					
Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US- 3,314,941	04-18-1967	Littell et al.	
	A2	US- 3,917,624	11-04-1975	Abu El-Haj, et al	
	A3	US- 4,689,338	08-25-1987	John F. Gerster	
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	A6	US- 4,988,815	01-29-1991	Andre et al.	
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	A9	US- 5,238,944	08-24-1993	Wick et al.	
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	A15	US- 5,389,640	02-14-1995	Gerster et al.	
	A16	US- 5,395,937	03-07-1995	Nikolaides et al.	
	A17	US- 5,444,065	08-22-1995	Nikolaides et al.	
	A18	US- 5,446,153	08-29-1995	Lindstrom et al.	
	A19	US- 5,482,936	01-09-1996	Kyle J. Lindstrom	
	A20	US- 5,494,916	02-27-1996	Lindstrom et al.	
	A21	US- 5,585,612	06-11-1996	John F. Gerster	
	A22	US- 5,605,899	02-25-1997	Gerster et al.	
	A23	US- 5,627,281	05-09-1997	Nikolaides et al.	
	A24	US- 5,644,063	06-01-1997	Lindstrom et al.	
	A25	US- 5,648,516	07-15-1997	Nikolaides et al.	
	A26	US- 5,693,811	12-02-1997	Lindstrom	
	A27	US- 5,714,608	02-03-1998	John F. Gerster	
	A28	US- 5,741,908	04-21-1998	Gerster et al.	

*Examiner:	Date Considered:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Page 2 of 4	Application Number	10/824,232
	Filing Date	April 14, 2004
	First Named Inventor	John F. Gerster
	Art Unit	1614
	Examiner Name	Unknown
	Attorney Case Number	53499US056

U.S. Patent Documents					
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		Doc. Number-(Kind Code if Known)			
	A29	US- 5,741,909	04-21-1998	Gerster et al.	
	A30	US- 5,756,747	05-26-1998	Gerster et al.	
	A31	US- 5,886,006	03-23-1999	Nikolaides et al.	
	A32	US- 5,939,090	08-17-1999	Beaurline et al.	
	A33	US- 5,977,366	11-02-1999	Gerster et al.	
	A34	US- 6,039,969	03-21-2000	Tomai et al.	
	A35	US- 6,069,149	05-30-2000	Nanba et al.	
	A36	US- 6,083,505	07-04-2000	Miller et al.	
	A37	US- 6,110,929	08-29-2000	Gerster et al.	
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	A47	US- 2002/0055517 A1	05-09-2002	Smith	
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Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
	B1	PCT	WO 00/47719	08-17-2000			
	B2	PCT	WO 00/76518	12-21-2000			
	B3	PCT	WO 01/74343	10-11-2001			
	B4	PCT	WO 02/36592	05-10-2002			X
	B5	PCT	WO 02/46188	06-13-2002			

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Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Page 3 of 4	Application Number	10/824,232
	Filing Date	April 14, 2004
	First Named Inventor	John F. Gerster
	Art Unit	1614
	Examiner Name	Unknown
	Attorney Case Number	53499US056

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		Ctry. Code	Number-KindCode (If known)				
	B6	PCT	WO 02/46189	06-13-2002			
	B7	PCT	WO 02/46190	06-13-2002			
	B8	PCT	WO 02/46191	06-13-2002			
	B9	PCT	WO 02/46192	06-13-2002			
	B10	PCT	WO 02/46193	06-13-2002			
	B11	PCT	WO 02/46749	06-13-2002			
	B12	PCT	WO 02/102377	12-27-2002			
	B13	PCT	WO 03/020889	03-13-2003			
	B14	JP	9-208584	08-12-1997			
	B15	JP	9-255926	03-26-1999			X
	B16	JP	11-222432	08-17-1999			X
	B17	JP	2000-247884 (abs)	09-12-2000			X
	B18	EP	0 394 026	10-24-1990			
	B19	EP	1 104 764	06-06-2001			

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	Wozniak, et al, "The Amination of 3-nitro-1, 5-naphthyridines by Liquid Ammonia/Potassium Permanganate ^{1,2} . A New and Convenient Amination Method.", <u>Journal of the Royal Netherlands Chemical Society</u> , 102, pp 511-513, December 12, 1983.
	C2	Brennan, et al, "Automated Bioassay of Interferons in Micro-test Plates", <u>Biotechniques</u> , June/July, 78, 1983.
	C3	Testerman, et al., "Cytokine Induction by the Immunomodulators Imiquimod and S-27609", <u>Journal of Leukocyte Biology</u> , Volume 58, pp. 365-372, September 1995.
	C4	Bachman, et al, "Synthesis of Substituted Quinolylamines. Derivatives of 4-Amino-7-Chloroquinoline", <u>J. Org. Chem.</u> , 15, pp 1278-1284 (1950).
	C5	Jain, et al, "Chemical and Pharmacological Investigations of Some ω -Substituted Alkylamino-3-aminopyridines", <u>J. Med. Chem.</u> , 11, pp 87-92 (1968).
	C6	Baranov, et al., <u>Chem. Abs.</u> 85, 94371, (1976).
	C7	Berényi, et al, "Ring Transformation of Condensed Dihydro-as-triazines", <u>J. Heterocyclic Chem.</u> , 18, pp 1537-1540 (1981).

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	Art Unit	1614
	Examiner Name	Unknown
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C8	Chollet, et al, "Development of a Topically Active Imiquimod Formulation", <u>Pharmaceutical Development and Technology</u> , 4(1), pp 35-43 (1999)
	C9	Hart, E.P. "Napthyridines. Hydroxynapthyridies", <u>Journal of Chemical Society</u> , Part III, pp 212-214 (1956).

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